

ELECTRONICALLY UPDATABLE LABELING SYSTEM FOR DATA STORAGE

ABSTRACT

An electronically updatable external labeling system for a data storage element, such as a data storage cartridge for magnetic tape media. An electronic persistent visual display is at a 5 cartridge external surface. An electronic persistent visual display has a stable image "memory effect" for an extended period of time. An input is provided for a signal for updating the visual display; and an update agent, such as a power source, is provided for operating the visual display in response to the input signal, such that the visual display comprises an updated persistent visual display label. Further, a nonvolatile electronic memory may be provided, such that both the 10 visual display and the memory are electronically updatable.